



IAP3 Rec'd PCT/FTO 18 JAN



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket: IZUMOTO=1

In re Application of:) Conf. No.:
Yoshitaka IZUMOTO et al)
Appln. No.: 10/553,254) Art Unit:
Filed: October 18, 2005) Examiner:
For: IMMUNOGEN, COMPOSITION FOR) Washington, D.C.
IMMUNOLOGICAL USE AND)
PROCESS FOR PRODUCING...) January 18, 2006

INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window
Randolph Building, Mail Stop AMENDMENT
401 Dulany Street
Alexandria, VA 22314

Sir:

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

[X] 1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.

[X] 2. In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form BN/SB/08A/B) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. Other than U.S. patent(s) and/or published U.S. application(s),

which 37 CFR §1.98(a)(2)(ii) does not require to be filed unless specifically required by the Office, a copy of each document listed is attached.

[X] 3. Documents AA and AB are not in the English language. In accordance with 37 CFR §1.98(a)(3), Applicant states:

[X] An English translation of each document AA and AB (or of the pertinent portions thereof), or a copy of an English-language abstract (or claim) is enclosed.

[X] 4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

5. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

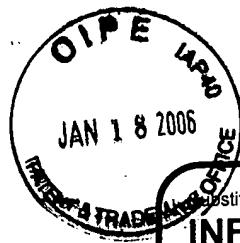
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/553,254
Filing Date	October 18, 2005
First Named Inventor	Yoshitaka IZUMOTO et al
Group Art Unit	
Examiner Name	
Attorney Docket Number	IZUMOTO=1

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
		Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials*	Cite No. ¹	Country Code ³ Number ⁴ Kind Code ⁵ (if known)			T ⁶
	AA	JP 2002-262883 A	09-17-2002	SEKISUI CHEM CO LTD; MARINE BIOTECHNOLOGIST INST CO LTD	ABS
	AB	JP 2002-306182 A	10-22-2002	TOYOTA CENTRAL RES & DEV LAB INC	ABS
	AC	WO 00/66756 A1	11-09-2000	KORPELA et al	
	AD	WO 00/75346 A1	12-14-2000	MEDICAL RESEARCH COUNCIL et al	
	AE	WO 94/29459 A1	12-22-1994	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	

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NON PATENT LITERATURE DOCUMENTS / OTHER INFORMATION

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	AF	ARIÉ, Jean-Philippe et al, "Chaperone function of FkpA, a heat shock prolyl isomerase, in the periplasm of <i>Escherichia coli</i> ", <i>Molecular Microbiology</i> , 2001, Vol. 39, No. 1, pp. 199-210.	
	AG	BEHRENS, Susanne et al, "The SurA periplasmic PPIase lacking its parvulin domains functions <i>in vivo</i> and has chaperone activity", <i>The EMBO Journal</i> , 2001, vol. 20, No. 1 & 2, pp. 285-294.	
	AH	BOSE, Suchira et al, "Chaperone Function of Hsp90-Associated Proteins", <i>Science</i> , December 6, 1996, vol. 274, pp. 1715-1717.	
	AI	FURUTANI, Masahiro et al., "Group II Chaperonin in a Thermophilic Methanogen, <i>Methanococcus thermolithotrophicus</i> ", <i>The Journal of Biological Chemistry</i> , October 23, 1998, Vol. 273, No. 43, pp. 28399-28407.	
	AJ	GUPTA, Radhey S., "Evolution of the chaperonin families (Hsp60, Hsp10 and Tcp-1) of proteins and the origin of eukaryotic cells", <i>Molecular Microbiology</i> , 1995, Vol. 15(1), pp. 1-11.	
	AK	HUANG, Guo-Chang et al, "Assisted folding of D-glyceraldehyde-3-phosphate dehydrogenase by trigger factor", <i>Protein Science</i> , 2000, Vol. 9, pp. 1254-1261.	
	AL	IDENO, Akira et al., "FK506-binding protein of the hyperthermophilic archaum, <i>Thermococcus</i> sp. KS-1, a cold-shock-inducible peptidyl-prolyl cis-trans isomerase with activities to trap and refold denatured proteins", <i>Biochem J.</i> , 2001, Vol. 357, pp. 465-471.	
	AM	IDENO, Akira et al., "The 28.3 kDa FK506 binding protein from a thermophilic archaeum, <i>Methanobacterium thermoautotrophicum</i> , protects the denaturation of proteins <i>in vitro</i> ", <i>Eur. J. Biochem.</i> , 2000, Vol. 267, pp. 3139-3148.	
	AN	KUBOTA, Hiroshi et al., "The chaperonin containing t-complex polypeptide 1 (TCP-1) Multisubunit machinery assisting in protein folding and assembly in the eukaryotic cytosol", <i>Eur. J. Biochem.</i> , 1995, Vol. 230, pp. 3-16.	
	AO	MARUYAMA, Tadashi et al., "Archael Peptidyl Prolyl Cis-Trans Isomerases (PPIases)", <i>Frontiers in Bioscience</i> , September 1, 2000, Vol. 5, pp. d821-836.	
	AP	MAVRANGELOS, Chris et al., "Increased Yield and Activity of Soluble Single-Chain Antibody Fragments by Combining High-Level Expression and the Skp Periplasmic Chaperonin", <i>Protein Expression and Purification</i> , 2001, Vol. 23, pp. 289-295.	
	AQ	NISHIHARA, Kazuyo et al., "Chaperone Coexpression Plasmids: Differential and Synergistic Roles of DnaK-DnaJ-GrpE and GroEL-GroES in Assisting Folding of an Allergen of Japanese Cedar Pollen, Cryj2, in <i>Escherichia coli</i> ", <i>Applied and Environmental Microbiology</i> , May 1998, Vol. 64, No. 5, pp. 1694-1699.	

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	AR	PIRKL, Franziska, et al., "Functional Analysis of the Hsp90-associated Human Peptidyl Prolyl Cis/Trans Isomerasases FKBP51, FKBP52 and Cyp40", <i>J. Mol. Biol.</i> , 2001, Vol. 308, pp. 795-806.		
	AS	RAMM, Kathrin et al., "The Periplasmic Escherichia coli Peptidylprolyl cis, trans-Isomerase FkpA", <i>The Journal of Biological Chemistry</i> , June 2, 2000, Vol. 275, No. 22, pp. 17106-17113.		
	AT	RATAJCZAK, Thomas et al., "The Cyclophilin Component of the Unactivated Estrogen Receptor Contains a Tetrastricopeptide Repeat Domain and Shares Identity with p59 (FKBP59)", <i>The Journal of Biological Chemistry</i> , June 25, 1993, Vol. 268, No. 18, pp. 13187-13192.		
	AU	SÖDERLIND, Eskil et al., "Chaperonin Assisted Phage Display of Antibody Fragments on Filamentous Bacteriophages", <i>Bio/Technology</i> , April 1993, Vol. 11, pp. 503-507.		
	AV	TRENT, Jonathan et al., "Chaperonin filaments: The archaeal cytoskeleton?", <i>Proc. Natl. Acad. Sci.</i> , May 1997, Vol. 94, pp. 5383-5388.		
	AW	VAZQUEZ, M. Duenas et al., "Intra- and Extracellular Expression of an scFv Antibody Fragment in <i>E. coli</i> : Effect of Bacterial Strains and Pathway Engineering Using GroES/L Chaperonins", <i>BioTechniques</i> , 1994, Vol. 16, No. 3, pp. 476-477, 480-483.		
	AX	ZARNET, Toralf et al., "Modular Structure of the Trigger Factor Required for High Activity in Protein Folding", <i>J. Mol. Biol.</i> , 1997, Vol. 271, pp. 827-837.		

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